

## ABSTRACT OF THE DISCLOSURE

According to an apparatus for collecting a profile of a program, a CPU generates an interrupt when a branch instruction is executed during the execution of the program. In this interrupt, an analyzing section determines whether the executed branch instruction is a instruction relating to the execution of a subroutine, and, in the case where the branch instruction is a instruction relating to the execution of the subroutine, a collecting section extracts a profile of the subroutine and stores it in a profile memory section.